

Base from U.S. Geological Survey
A-B: 1964, B-C: 1970, C-D: 1982, D-E: 1986, E-F: 1988

Quadrangles (Alaska) TanaCross A-S, 1971

144°00' 143°50' 143°40' 143°30' 143°20' 143°10' 143°00' 142°50'

63°10' 63°15' 63°20' 63°25' 63°30' 63°35' 63°40' 63°45'

400 Hz COPLANAR APPARENT RESISTIVITY OF THE ALASKA HIGHWAY CORRIDOR, EAST-CENTRAL ALASKA

PARTS OF TANACROSS QUADRANGLE
by Laurel E. Burns, Fugro Airborne Surveys Corp., and Stevens Exploration Management Corp.

2006

SCALE 1:63,360

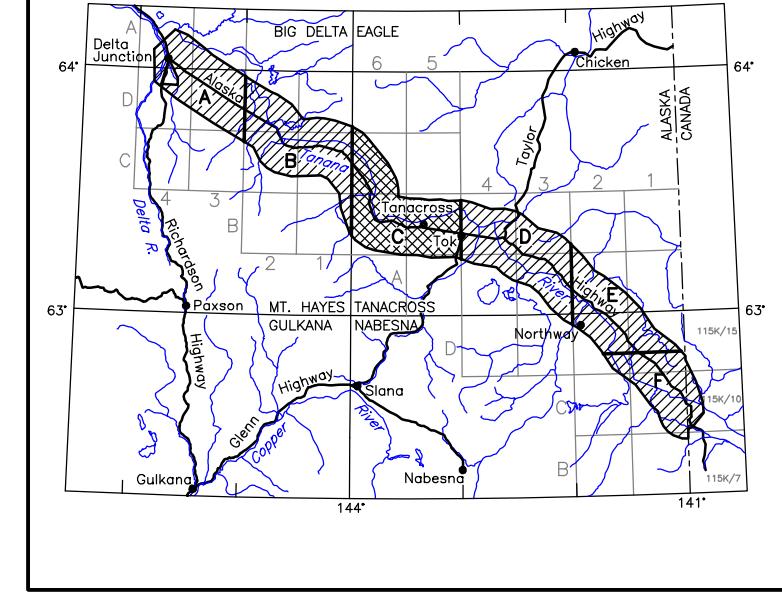
CONTOUR INTERVAL 100 FEET

ELEVATION MEAN SEA LEVEL

1 0 1 2 3 4 5 KILOMETERS

1 0 1 2 3 4 MILES

LOCATION INDEX



DESCRIPTIVE NOTES

The geophysical data were acquired with a RESOLVE Electromagnetic system and a fluxgate vector magnetometer. The EM and magnetic sensors were flown at a height of 100 feet. In addition to the recorded data from the rodemeter, GPS navigation system, 50/60 Hz monitors and video cameras, the data were collected using AS350B-2 and AS350B-3 Squirrel helicopters at a height of 100 feet. The survey was conducted along NW-SE (350°) survey flight lines with a spacing of 100 m. The survey lines were flown perpendicular to the flight lines at intervals of approximately 100 m.

An Agusta 602A STAROL Global Positioning System was used for navigation. The helicopter pilot's service attitude sensors and using post-flight differential position control to a relative accuracy of better than 5 m. Flight path position was determined by the Global Positioning System (UTM zone 7) spheroid, 1927 North American datum using a vertical reference of 100 m above sea level constant of 0 and an east constant of 500,000. Positional accuracy of the presented data is better than 10 m. with respect to the UTM grid.

